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| **6** | **Raspberry Pi GPS Module Interfacing.** | | |
|  |  | sudo nano /boot/config.txt ###############  dtparam=spi=on dtoverlay=pi3-disable-bt core\_freq=250 enable\_uart=1 force\_turbo=1 #############  sudo systemctl stop [serial-getty@ttyS0.service](mailto:serial-getty@ttyS0.service) sudo systemctl disable [serial-getty@ttyS0.service](mailto:serial-getty@ttyS0.service)  sudo systemctl enable [serial-getty@ttyAMA0.service](mailto:serial-getty@ttyAMA0.service) sudo apt-get install minicom  sudo pip install pynmea2 sudo cat /dev/ttyAMA0  **code:** import time import serial  import string  import pynmea2  import RPi.GPIO as gpio gpio.setmode(gpio.BCM)  port = " /dev/ttyAMA0" # the serial port to which the pi is connected |  |

ser = serial.Serial(port, baudrate = 9600, timeout = 0.5) while 1:

try:

data = ser.readline()

except:

print("loading")

if data[0:6] == '$GPGGA':

msg = pynmea2.parse(data) print (msg)

time.sleep(2)